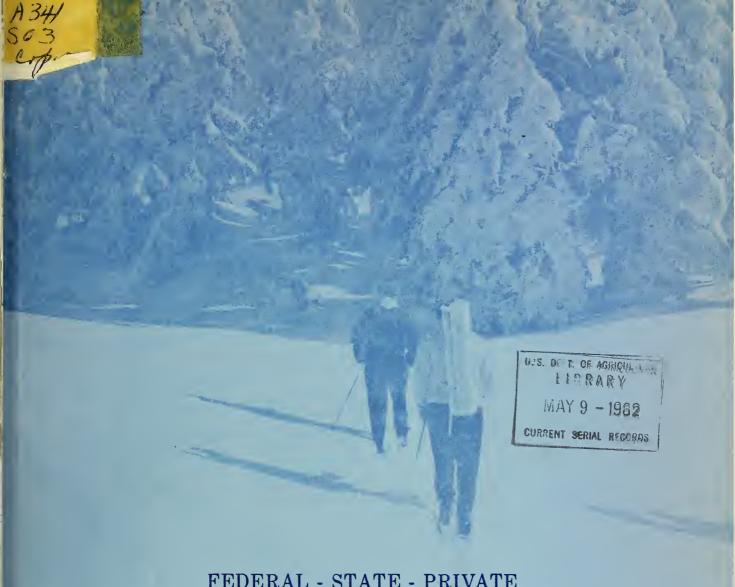
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FEDERAL - STATE - PRIVATE

COOPERATIVE

SNOW SURVEY and WATER SUPPLY FORECASTS for WYOMING

UNITED STATES DEPARTMENT of AGRICULTURE... SOIL CONSERVATION SERVICE. and

STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the Bureau of Reclamation, U.S. Forest Service, National Park Service, and other Federal, State and private organizations.

IIIIIIIIII AS OF IIIIIIIIII APR. 1, 1960

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

TO RECIPIENTS OF COOPERATIVE SNOW SURVEY AND WATER SUPPLY FORECAST REPORTS:

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Fortunately, most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from fore-knowledge of the runoff.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, about 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

By relating snow survey measurements taken over a period of years to spring-summer runoff during the same period, relationships have been developed which make it possible to forecast seasonal runoff several months in advance of occurrence. In order to make a forecast, once a forecast relationship has been developed, the maximum snow water content at previously selected key snow courses is usually entered in the forecast relationship. More accurate forecasts are often obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast relationships.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions.

PUBLISHED BY SOIL CONSERVATION SERVICE

·			
REPORTS	ISSUED	LOCATION	COOPERATING WITH
RIVER BASINS			
COLORAGO AND STATE OF UTAH	MONTHLY (JANMAY)	SALT LAKE CITY, UTAH.	UTAH STATE ENGINEER AND OTHER AGENCIES
COLUMBIA AND STATES OF TOAHO AND ALASKA	MONTHLY (JANMAY)	BOISE, IOAHO	IOAHO STATE RECLAMATION ENGINEER
UPPER MISSOURI AND STATEOF MONTANA	MONTHLY (FEBMAY)	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
WEST-WIDE	OCT. 1, APR. 1, MAY 1	PORTLANO, OREGON	ALL COOPERATORS
STATES			
ARIZONA	SEMI-MONTHLY(JAN.15 - APR.1)	- PHOENIX, ARIZONA	SALT R. VALLEY WATER USERS ASSOCIATION ARIZ, AGR. EXP. STATION
COLORAGO ANO NEW MEXICO			COLO. STATE ENGINEER N. MEX. STATE ENGINEER
NEVAOA	MONTHLY (FEBAPR.)	- RENO, NEVAOA	NEVAGA DEPT. OF CONSERVATION ANO NATURAL RESOURCES - DIVISION OF WATER RESOURCES
OREGON	MONTHLY (JANMAY)	PORTLANO, OREGON	ORE. AGR. EXP. STATION OREGON STATE ENGINEER
WASHINGTON	MONTHLY (FEBMAY)	SPOKANE, WASHINGTON	WASH. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEB JUNE)	- CASPER. WYOMING	WYOMING STATE ENGINEER
Copies of these various	reports may be secured	from: Head, Water Suppl Soil Conservation 209 S. W. Fifth A	y Forecasting Section Service Ave., Portland 4, Oregon
	PUBLISHED BY O'	THER AGENCIES	
REPORT	ISSUED	AG	SENCY
BRITISH COLUMBIA	MONTHLY (FEBJUNE)	COMPTROLLER, WATER ANO FORESTS, PARLI CANADA	RIGHTS BR., DEPT. OF LANOS AMENT BLOG., VICTORIA. B.C
CALIFORNIA	MONTHLY (FEBMAY)	CALIFORNIA DEPT. 0	F WATER RESOURCES. SACRAMENTO

FEDERAL-STATE COOPERATIVE SNOW SURVEYS AND WATER FORECASTS

FOR

WYOMING

April 1, 1960

Report Prepared by George W. Peak Snow Survey Supervisor State of Wyoming

Soil Conservation Service 345 East 2nd Street P. O. Box 699 Casper, Wyoming

Issued by

B. H. Hopkins State Conservationist Soil Conservation Service

Earl Lloyd State Engineer of Wyoming Cheyenne, Wyoming

10 miles

PRELIMINARY WATER SUPPLY OUTLOOK FOR WYOMING

April 1, 1960

The report by drainages is as follows: The April 1 to September 30 flow of the Snake River at Moran, Wyoming is expected to be 61 per cent of the 1943-1957 average. Downstream, the anticipated flow of the Snake into Palisades is 67 per cent, or 2,120,000 acre feet of water. The Salt and Greys Rivers are computed at 75 per cent of normal.

The Green River is expected to flow 65 per cent of normal at Warren Bridge and picks up a little to 70 per cent at Fontenelle.

The North Platte River is down to an expected yield of 64 per cent at Northgate, Colorado and 63 per cent or 416,000 at Saratoga. The Encampment River will contribute 62 per cent of normal.

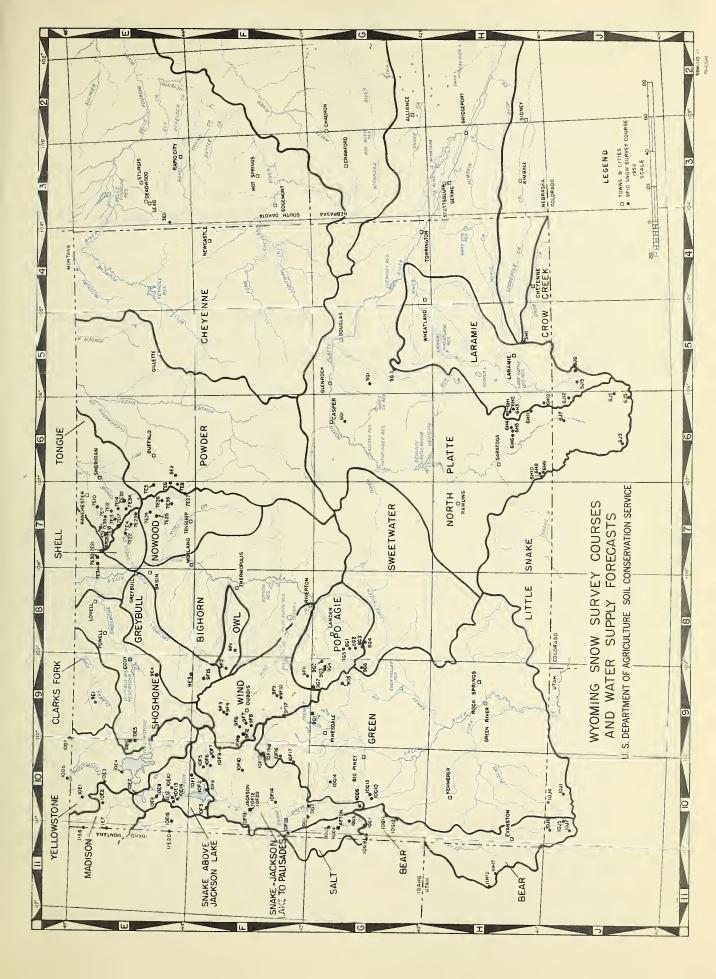
The seasonal flow of the Wind at Dubois has been computed to be 77,000 or 70 per cent, the Shoshone River is 70 per cent and the Clarks Fork at Chance, Montana 70 per cent of average.

The Big Horn Mountains are holding a snow pack that is 90 - 100 per cent of normal and expected to yield flows ranging from 80 to 90 per cent.

Reservoir storage throughout the state is 73 per cent of the average for April 1 and storage on the North Platte is 80 per cent of the normal amount for this time of year.

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INDEX TO WYOMING SNOW COURSES

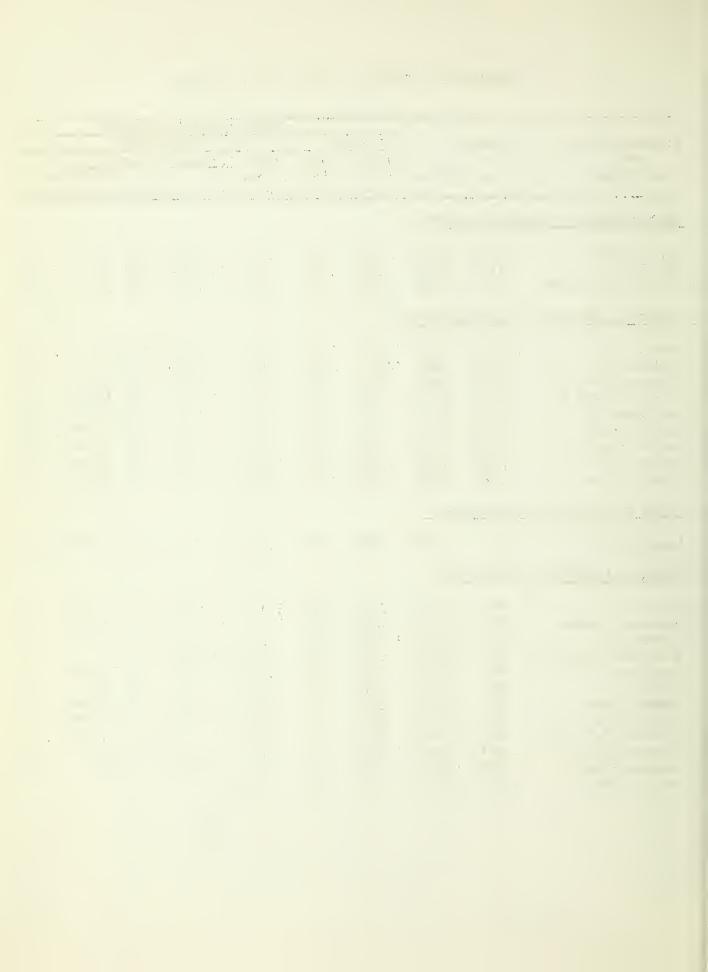
			LDCATID	N					LDCATION	
	YDMING IUMBER	ELEV.	SEC. LAT. URI RIVER	TWP.	RANGE LONG.	RECORD BEGAN		MEAS. BY b		MEAS. BY b
MADISON RIVER									CROW CREEK	
Norris Basin 21 Mile •m	11E6	7500 7150	440441	IIS	110°421 5E	1936 1934	3,4	2	Pole Mountain #2 5H1 8700 35 15N 72W 1936 2,3,4,5	1.4
West Yellowstone •m	HE7	6700	34	138	5E	1934	1,2,3,4,5		NDRTH PLATTE Albany 6HII 3400 I8 I4N 78W 1349 2,3,4,5	1
YELLDWSTDNE									Bottle Creek 6H8 8200 24 14N 85W 1936 2,3,4,5	1,4
Canyon Cooke City •m	10E3 1007	7750 7400	44 ⁰ 44 ¹ 25	98	110°301	1938 1937	1,2,3,4,5		Boxelder 5GI 9000 3I 30N 75W 1950 2,3,4,5 Casper Mountain 6GI 8700 16 32N 79W 1954 1,2,3,4,5	-
Crevice Mountain *m East Entrance	1005 1066	8400 7000	22	9S 52N	9E 109₩	1935 1948	3,4	4	Columbine •c 6J3 9300 21 5N 82W 1936 2,3,4,5 Fox Park 6H12 9200 21 13N 78W 1936 2,3,4,5	1
Lake Camp	10E4	7850	440341	JEN	1100541	1937	1,2,3,4,5	1	La8onte 562 8450 II 27N 74W 1949 2,3,4,5	ī
Lupine Creek Thumb Oivide	10E1 10E7	7300 7900	44 ⁰ 54 ¹		110°371	1938 1946	1,2,3,4,5	2 5	North Barrett Creek #2 6H5 9400 30 16N 80W 1936 2,3,4,5 North French Creek #1 6H4 10200 27 16N 80W 1938 2,3,4,5	1,4
Sylvan Pass	10E5	7100	15	52N	110#	1936	1,2,3,4,5	5	Northgate •c 6J7 8500 7' IIN 79W 1950 2,3,4,5 Old Battle 6HIO 9800 29 14N 85W 1936 2,3,4,5	1,4
CLARK'S FDRK	051	2222	22	E CH	106W	1010	0 2 4 5		Park View *c 6J2 9200 24 5N 78W 1936 2,3,4,5	
Lodgepole WIND RIVER	9E1	8200	32	56N	10011	1940	2,3,4,5	1,4	Ryan Park #2 6H6 8400 34 16N 81W 1936 2.3.4.5 Webber Spring 6H9 9000 27 14N 85W 1936 2.3.4.5	1,4
8ig Warm	9F12	8800	36	42N	109W	1955	2,3,4,5	1	Willow Creek Pass *c 6J5 9500 I 4N 78W 1938 2,3,4,5	
Surroughs Creek Oinwoodie	9F4 9F10	10000	15 9	43N 38N	107W 105W	1948 1948	2,3,4,5	1,3	CHEYENNE RIVER Upper Spearfish *s 3E1 6500 21 3N IE 1944 2,3,4	4
Ory Creek	9F9 9F6	9500	34 27	4N	105W	1948	2,3,4,5	1,3	GREEN RIVER & PDPD AGIE RIVER	*
OuNoir Geyser Creek	9F7	8750 8500	15	42N 41N	108W	1940 1948	2,3,4,5 2,3,4,5		Twenty Lakes 9G7 10500 2 IS 5W 1959 2,3,4	1
Little Warm Sheridan R.S. #2	9F8 9F14	9500 7500	24 3	41N 42N	108W 109W	1948 1955	2,3,4,5		GREEN RIVER & WIND RIVER Oinwoodie Glaciers 9F17 10500 43°14' 109°35' 1959 2.3.4	
T-Cross Ranch	9F3 10F9	8000 9600	1	43N 44N	107₩ 110₩	1940 1936	2,3,4,5	5	Oinwoodie Glaciers 9F17 10500 43°14' 109°35' 1959 2,3,4 COLDRADO RIVER DRAINAGE	'
Togwotee Pass PDPD AGIE RIVER	1013	3000	25	4411	110#	1550	2,3,4	5	GREEN RIVER	
8lue Ridge	8G2	9500	23	31N	101W	1939	2,3,4,5	1	8ig Park	1
Bruce's Camp Hobbs Park	8G5 9G3	6500 10000	24 22	32N 2S	3M 101M	1955 1948	2,3,4 2,3,4,5	1,3	Outch Joe R.S. 9G5 8700 32 31N 104W 1936 2,3,4,5	1
Mosquito Park R.S. Sawmill Glade	9G4 8G1	9500 8500	23	2S 31N	101M	1940	2,3,4,5	1,3	East Rim Oivide 10F17 7950 32 37N 111W 1936 1,2,3,4,5 Gros Ventre 10F19 8750 36 40N 111W 1948 2,3,4,5	1
South Pass	8G3	9000	13	30N	101#	1939	2,3,4,5	i	Hewinta R.S. *u	
St. Lawrence R.S. Trout Creek	9F11	9000 8400	26 5	2S	4W 2W	1940 1948	2,3,4,5	1,3 1,3	Kelly R.S. 10G12 8200 13 26N 118W 1951 2,3,4,5	1
DWL CREEK									Loomis Park 10F16 8500 14 37N 111W 1936 2,3,4,5	i
Beavers Mill Owl Creek	9F2 8F1	8900 8700	6 36	43N 43N	101# 105#	1948 1948	2,3,4,5	1	Mulligan Park 9GI 8900 17 35N 108W 1936 2,3,4,5 Old Battle 6HIO 9800 29 14N 85W 1936 2,3,4,5	1,4
GREYBULL RIVER							-,-,-		Piney-LaBarge 10G10 8820 19 29N 114W 1937 2,3,4,5 Poison Meadows 10G6 8500 29 30N 116W 1948 2,3,4,5	
Timber Creek #2	9E3	3800	25	47N 46N	103W	1956 1956	2,3,4,5	1	Snyder Basin R.S. #2 10G13 8040 15 29N 114W 1956 2,3,4,5	i
Wood River #2 SHOSHDNE RIVER	9F15	8000	2g	40N	103#	1930	2,3,4,5	1	Soda Lake	'
Carter Mountain	9E4	7800	15	50N	103₩	1957	1,2,3,4	I	Twenty Lakes 967 10500 2 IS 5W 1959 2,3,4	1
East Entrance Sylvan Pass	10E6 10E5	7000 7100	17 12	52N 52N	109W	1948 1936	1,2,3,4,5		GREEN RIVER & WINO RIVER	
NDWDDD CREEK									Oinwoodie Glaciers 9F17 10500 43°14' 109°35' 1959 2,3,4	1
Cold Springs Camp Medicine Lodge Lakes	7E25 7E24	8700 9500	7	50N 51N	88W 87W	1956 1956	2,3,4,5		CDLUMBIA RIVER DRAINAGE SNAKE RIVER BASIN (Above Jackson Lake)	
Munkers Pass Onion Gulch	7E8 7E27	9700 8100	31	48N 48N	85W 85W	1950 1956	2,3,4,5	1	Arizona 10F1 6850 3 46N 113W 1919 2,3,4	5
Tensleep Lake	7E26	9075	33	50N	86W	1956	2,3,4,5	į	Aster Creek 10E8 7700 44 ⁰ 17' 110 ⁰ 37' 1919 2,3,4 8ase Camp 10F2 6900 20 46N 113W 1947 2,3,4	5 5
Tyrell R.S.	7E35	8300	30	49N	86₩	1956	2,3,4,5	i	Coulter Creek 10E10 7600 44091 110033 1919 2,3,4 Glade Creek 10E13 7200 44081 110044 1919 2,3,4	2
SHELL CREEK 8ald Mountain	7E21	9600	33	56N	91₩	1956	2,3,4,5	1	Grassy Lake 10E15 7265 6 48N 117W 1940 2.3.4.5	5
Beaver-Tongue Oivide Bone-Spring Oivide	7E20 7E18	9200 9200	12 32	55N 55N	91W 89W	1956 1956	2,3,4,5	1	Lewis Lake Oivide 10E9 7900 44°13' 110°40' 1919 2,3,4,5	5 5
Granite Creek Camp	7E22	7800	15	53N 54N	89W 88W	1956	2,3,4,5	i	Moran 10F4 6800 8,17 45N 114W 1919 2,3,4 Moran 8ay 10F3 6800 14 45N 116W 1919 2,3,4	5 5
Granite Pass Ranger Creek	7E I 7 7E 4	8950 8800	32 32	53N	88W	1956 1935	2,3,4,5		Snake River Station	5 5
Shell Creek PDRCUPINE CREEK	7E23	9600	12	52N	88W	1956	2,3,4,5	1	JACKSON LAKE TO PALISADES	Ü
Five Springs Falls	7E31	7500	19	56N	92 W	1956	2,3,4,5	1	Afton R.S. 10G4 6200 30 32N 118W 1936 2.3.4.5 8lackrock 10F7 8600 4 44N 111W 1936 2.3.4	4 5
Medicine Wheel	7E30	9000	24	56N	92₩	1956	2,3,4,5	1	81ind 8ull 10G2 8750 6 34N 115W 1948 2,3,4,5	1
TDNGUE RIVER Seaver-Tongue Oivide	7F20	9200	12	55N	91₩	1956	2,3,4,5	1	Bryan Flat 10F14 6250 9 38N 115W 1936 1.2,3,4,5 CCC Camp 10G7 7500 9 29N 118W 1936 2,3,4,5	1,4
8ig Goose #2 8one-Spring Oivide	7E32 7E18	7700 9200	4	53N 55N	86₩ 89₩	1955 1956	2,3,4,5		Cottonwood Lake 1065 7500 25 31N 118W 1936 2,3,4,5 Oeadman Ranch 10G1 6534 28 35N 116W 1936 1,2,3,4,5	1,4
Burgess R.S. #2	7E33	7900	36	56N	89W	1955	2,3,4,5	i	East Rim Oivide 10F17 7950 32 37N 111W 1936 1,2,3,4,5	5
Oome Lake #2 Gloom Creek	7E34 7E14	9300 9300	32	53N 55N	87₩ 87₩	1950 1956	2,3,4,5 2,3,4,5		Greys Boundary 10F18 5800 33 37N 118W 1936 1,2,3,4,5	1.4
Granite Pass North Tongue	7E 17 7E 15	8950 8800	19 17	54N 55N	88W 89W	1956 1956	2,3,4,5	1	Gros Ventre	1
Sibley Lake	7E11	8000 9000	10	55N 55N	88W 87W	1956 1956	2,3,4,5	į	Loomis Park 10F16 8500 14 37N 111W 1936 2,3,4,5 Poison Meadows 10G6 8500 29 30N 116W 1949 2,3,4,5	1
Sucker Creek Steamboat Point	7E 10	7500	19 32	56N	87W	1956	2,3,4,5 2,3,4,5	i	Teton Pass #2 10F13 8500 24 41N 118W 1936 1,2,3.4,5	1.4
Wood Rock G.S. PDWDER RIVER	7E13	8500	3	54N	88 ₩	1956	2,3,4,5	i	Togwotee Pass 10F9 9600 29 44N 110W 1936 2,3,4,5 Turpin Meadows 10F5 6930 14 45N 112W 1936 2,3,4	5 5
Muddy Creek G.S.	6E2	7800	2	48N	84W	1956	2,3,4,5	1	Yellowjacket 10F10 7675 33 42N 112W 1936 2.3,4,5 Salt River Summit 10G8 7900 32 29N 118W 1948 2.3,4,5	4 1,4
Munkers Pass Onion Gulch	7E8 7E27	9700 8100	31	48N 48N	85₩ 85₩	1950 1956	2,3,4,5	1	Snow King Mountain #2 10F12 7000 4 40N 117\text{W} 1954 Semi. Mo. Snow King Mountain #3 10F20 7600 4 40N 117\text{W} 1959 Semi. Mo.	1
Soldier Park	7E5	8700	36	51N	85W	1950	2,3,4,5	į	BEAR RIVER	,
Sour Cough SWEETWATER	7E6	8500	17	49N	84W	1936	2,3,4,5	1	8ig Park 10G11 8700 7 27N 117W 1951 2,3,4,5	1
Grannier Meadows #1	8G4	9000	19	30N	100w	1937	2,3,4,5	1	CCC Camp 10G7 7500 9 29N 118W 1936 2.3.4.5 Girl Hollow •u 11H17 8400 5 7N 5E 1951 3.4.5	1,4
Larsen Creek South Pass	9G6 8G3	9000	12 13	30N	101A 103A	1949 1939	2,3,4,5 2,3,4,5	1	Goodman Ranch *u	
LARAMIE RIVER									Head of Bear River •u 10J5 8600 15 2N 10E 1935 4 Kelly R.S. 10G12 8200 13 26N 118W 1951 2,3,4,5	1
Brooklyn Lake #1 Brooklyn Lake #2	6H13	10200	11	16N 16N	79₩ 79₩	1936 1956	2.3,4,5	-	Monte Cristo, R.S. *u	
Oeadman Hill •c Fox Park	5J6 6HI2	10200	26	ION	75₩	1937	3,4,5		Poison Meadows 10G6 8500 29 30N 116W 1948 2,3,4,5 Salt River Summit 10G8 7900 32 29N 118W 1948 2,3,4,5	1,4
Hairpin Turn #2	6H2	9500	24	13N	78₩ 79₩	1936 1936	2,3,4,5	4	a. Numerals 1,2,3,4 and 5 refer to January 1, February 1, March 1, April 1, and May 1	
Libby Lodge #2 McIntyre •c	6H3 5J15	8700 9100	29 35	16N	78₩ 76₩	1936 1949	2,3,4,5 2,3,4,5	1,4	b. Numerals refer to Agency that secures the snow survey, as follows: . Soil Conservation Service. 6. U. S. Geological Survey.	
Pole Mountain #2 Roach •c	5H1	8700 9800	35 5	15N 10N	72W 77W	1936 1940	2,3,4,5	1,4	2. U. S. National Park Service. c. Colorado snow courses.	
									3. U. S. Indian Service. m. Montana snow courses. 4. U. S. Forest Service. s. South Oakota snow courses.	

merals refer to Agency that secure | Soil Conservation Service. | 2. U. S. National Park Service. | 3. U. S. Indian Service. | 4. U. S. Forest Service. | 5. U. S. Bureau of Reclamation.

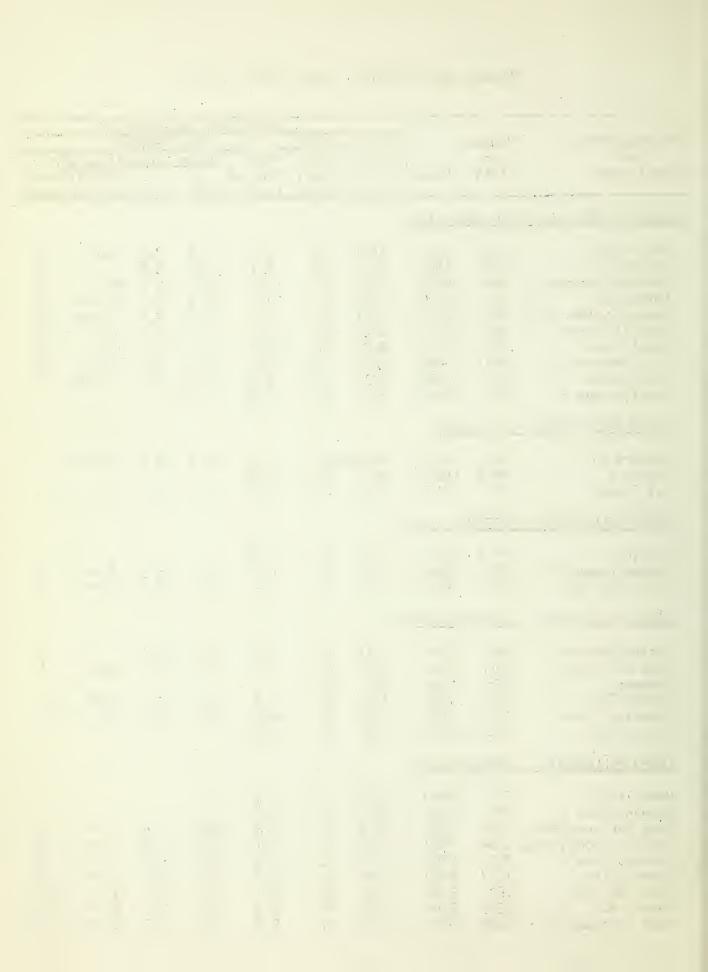
e snow survey, as follows:
6. U. S. Geological Survey,
c. Colorado snow courses,
m. Montana snow courses.
s. South Oakota snow courses.
u. Utah snow courses.
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WYOMING SNOW SURVEYS - ABOUT APRIL 1, 1960

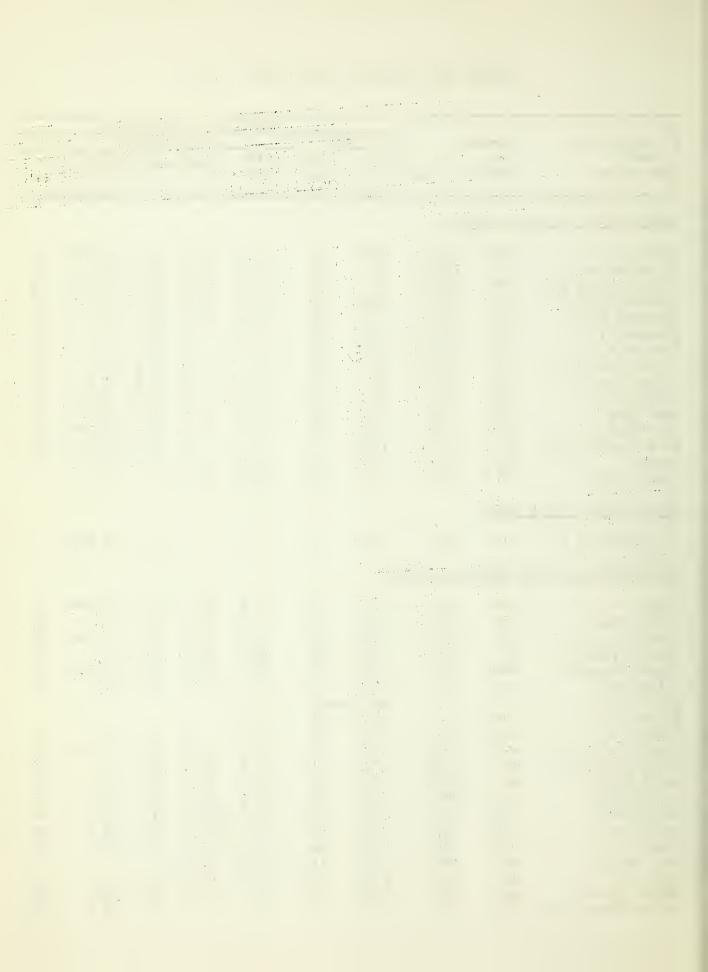
			į.		SNOW COV	/FR MFA	SURFME	NTS	
Drainage Basin	Number		196		į.	PAST	RECOR	D	
and Snow Course	or State	Elev.	Date of Survey	Snow Depth (In.)	Water Content (In.)		1	t(In.) 943-57 verage	Yrs.of
MADISON RIVER - YELLO	WSTONE	PARK							
Norris Basin ÷ 21 Mile ^m West Yellowstone ^m	10E2 11E6 11E7	7500 7150 6700	3/31 3/25 3/24	25 30 19	6.6 8.8 5.4	8.5 15.8 9.2	7.8 13.5 7.6	9.9* 19.2 12.7	21 23 23
UPPER YELLOWSTONE - Y	ELLOWST	ONE PAR	<u> </u>						
Canyon Cooke City ^m Crevice Mountain ^m East Entrance ÷ Lake Camp #1 Lupine Creek Norris Basin ÷ Sylvan Pass ÷ Thumb Divide ÷	10E3 10D7 10D5 10E6 10E4 10E1 10E2 10E5 10E7	7500 7400 8400 7000 7850 7300 7500 7100 7900	4/1 4/1 4/1 4/1 4/1 4/1 3/31 3/30 3/30	33 20 18 18 28 23 25 29 43	8.7 5.5 3.9 4.6 5.6 6.7 6.6 8.3	15.3 9.4 8.5 11.2 9.6 9.4 8.5 15.9	13.2 6.1 6.1 9.2 9.4 7.0 7.8 13.1 17.6	16.0 9.5 10.5 12.8** 12.0* 11.6* 9.9* 15.9* 25.8*e	22 20 21 21
LOWER YELLOWSTONE - C	LARK'S	<u>FORK</u>							
Lodgepole	9E1	8200	3/30	24	6.3	11.8	8.9	11.7*	21
LOWER YELLOWSTONE - W	IND RIV	<u>'ER</u>							
Big Warm Burroughs Creek Dinwoodie Dinwoodie Glaciers ÷ Dry Creek DuNoir Geyser Creek Little Warm Sheridan R.S. #2 T-Cross Ranch Togwotee Pass ÷ Twenty Lakes ÷	9F12 9F4 9F10 9F17 9F9 9F6 9F7 9F8 9F14 9F3 10F9 9G7	8800 8800 10000 10500 9500 8750 8500 9500 7500 8000 9600	3/26 3/28 3/29 4/4 3/29 3/26 3/27 3/27 3/28 3/28 3/29 4/4	25 28 36 28 17 20 17 47 18 11 74 27	7.1 7.8 9.2 8.0E 4.3 4.9 3.9 13.7 5.0 2.9 24.6 7.5E	8.9 14.4 11.6 11.5 6.8 7.4 6.6 16.7 6.4 6.2 32.2	6.3 10.6 7.9 4.7 5.5 4.2 12.1 5.5 3.5 26.2	9.5** 15.6** 13.7** 7.3** 10.1 8.8** 18.8** 7.3** 8.1 32.1	11 10 10 19 11 11



					SNOW CO	VER ME	ASUREN	MENTS	
Drainage Basin	Number		D. I	1960	lar 1		RECC		Dua! in
and Snow Course	or State	Elev.	Date of	Snow Depth	Water Content		Conte	nt(In.) 1943-57	
		L1CV.	Survey		(In.)	1959	1958	Average	
LOWER YELLOWSTONE - I	POPO AG	IE RIVEF	3						
Blue Ridge Bruces Camp Grannier Meadoes ÷ Hobbs Park Mosquito Park R.S. Sawmill Glade South Pass ÷ St. Lawrence R.S. Trout Creek Twenty Lakes ÷	9G3 9G4 5G1 8G3 9F11 9G2 9G7	9500 6500 9000 10000 9500 8500 9000 9000 8400 10500	3/23 3/24 3/23 3/31 3/23 3/23 3/26 3/31 4/4	25 12 38 43 20 25 37 13 12 27	6.9 4.3 11.1 12.9 5.7 5.9 10.2 3.3 3.2 7.5E	9.8 N.R. 10.0 15.7 7.0 9.0 11.6 6.2 7.8 6.5E	7.5 3.0 8.0 10.1 4.8 6.2 8.6 3.2 4.4	13.8 16.1 19.4** 8.8** 8.6 16.4 7.6* 6.6**	20 3 23 11 15 20 20 16 11
Beavers Mill Kirwin ÷ Owl Creek	9F2 9F19 8F1	8900 11000 8700	Abando 4/5 3/29	oned 55 28	16.5E 7.8	6.2 5.8	4.6 5.5	6.8** 5.9**	9 10
LOWER YELLOWSTONE	- GREYB	ULL RIVE	<u>:R</u>						
Kirwin ÷ Timber Creek #2 Wood River #2	9F19 9F3 9F15	11000 8800 8000	4/5 3/30 3/30	55 16 22	16.5E 4.7 6.3	3.6 5.6	5.2 5.0	3.4** 5.7*	11 17
LOWER YELLOWSTONE	- SHCSH	ONE RIVE	B						
Carter Mountain East Entrance ÷ Ishawooa	9E4 10E6 9E5	7800 7000 9200	3/31 3/31 4/5	18 18 133	5.2 4.6	4.8	4.8 9.2	12.8**	3 11
Sylvan Pass ÷ Togwotee Pass÷ Younts Peak	10E5 10F9 9F18	7100 9600 8500	3/30 3/29 4/5	29 74 89	8.3 24.6 31.0E	32.2	26.2	15.9* 32.1	21 24
LOWER YELLOWSTONE	- NOWOO	D CREEK							
Bear Trap ÷ Canyon Creek ÷ Cold Springs Camp Medicine Lodge Lake Munkres Pass ÷ Onion Gulch ÷ Tensleep R.S. Tyrell R.S. West Tensleep Lake	7E8 7E27 7E7 7E35	8000 7400 8700 9500 9700 8100 8300 8300 9075	3/25 3/26 3/24 3/24 4/1 3/25 3/28 3/28 3/28	23 37 23 38 32 31 26 19 37	6.2 10.0 5.8 9.7 8.3 8.3 7.1 6.5 9.9	10.2 13.2 10.4 10.3 10.2 10.8 13.9	7.4 11.7 8.8 7.8 6.9 7.2 9.7	9.2** 7.3	4 4 9 4 22 4



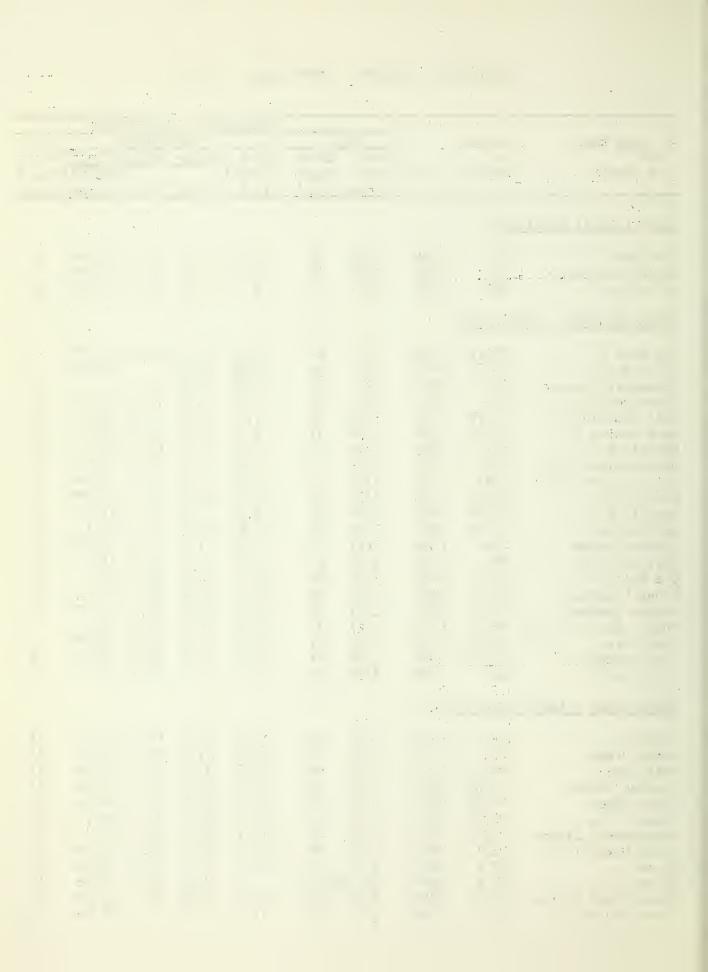
			}		SNOW CO				
Drainage Basin	Number		19		lit . I		RECOR:		D'
and Snow Course	or State	Elev.	Date	Snow Depth	Water Content			nt(In.) 1943-57	
Show Course	Jiale	riev.	Survey			1959		Average	
MODTH DIATTE LADA	MALE DIVE	-0							
NORTH PLATTE - LARA	WIL RIVE	<u>: N</u>							
Albany ÷	6H11	9400	4/4	34	11.5	16.1	14.4	14.8**	11
Brooklyn Lake ÷	6H1	10200	4/1	60	20.3	24.3	26.0	25.0	24
Brooklyn Lake #2 ÷ Cameron Pass c ÷	6H13 5J1	10200 10300	4/1 3/28	56 82	17.8 29.2	24.3 30.9	23.9 29.4	25.6** 24.9	4 24
Chambers Lake ^C	5J2	9000	3/26 3/26	27	10.3	14.6	10.7	8.8	24
Deadman HillC ÷	5J6	10200	4/5	58	18.5E	16.2	20.6	16.8	23
Foxpark ÷	6H12	9200	3/30	19	6.1	6.9	9.1	7.4	24
Hairpin Turn #2	6H2	9500	4/1	27	7.7	13.9	12.5	12.9	24
Libby Lodge #2	6H3	8700	4/1	22	7.0	12.3	10.8	11.5	24
LaBonte ÷	5G2	8450	3/31	9	2.5	8.0	5.7	7.5**	10
Lost Lake ^C	5J23	9300	3/26	36	11.6	16.9	13.2	13.2	9
McIntyre ^C	5J15	9100	3/26	29	8.1	12.0	10.8	12.5**	10
Pole Mountain #2 Roach ^C	5H1 6J8	8700 9800	3/28	6 64	1.3	6.0	5.5	5.8* 20.0	23
Rock Creek ÷	6H1 4	9800	3/27 4/5	71	18.9 23.5E	17.1 34.5E	17.8	20.0	20
		7000	7/ 2	, ,	60 e 19m	J7 . J1	•		
NORTH PLATTE - CROW	CREEK								
Pole Mountain #2	5H1	8700	3/28	6	1.3	6.0	5.5	5.8*	23
NORTH PLATTE - ABOV	E SEMINO	E RESERV	OIR						
Albany ÷	6H11	9400	4/4	34	11.5	16.1	14.4	14.8**	11
Bottle Creek	6H8	8200	3/29	31	9.9	14.2	12.7	15.4	24
Boxelder	5G1	9000	3/28	25	6.6	9.6	5.9	7.3**	10
Cameron Pass ^C ÷		10300	3/28	82	29.2	30.9-	29.4	24.9	24
Casper Mountain	6G1	8700	3/29	46	12.5	13.4	12.4	12.6**	5
Columbine	6J3	9300	3/30	63	21.5	27.9	25.6	24.7	24
Elk Mountain	CU1E	0000	Abando		0 0				
Evans Foxpark ÷	6H15 6H12	9000 9200	3/25 3/30	32 19	9.9	6 0	0 1	7 1	24
LaBonte ÷	5G2	8450	3/31	9	6.1 2.5	6.9 8.0	9.1 5.7	7.4 7.5**	24 10
North Barret #2	6H5	9400	3/30	60	17.5	20.4	25.5	20.0	24
North French		10200	3/30	81	28.2	35.5	38.3	30.5	22
Northgate ^C	6J7	8500	3/25	23	7.3	6.7	7.6	7.8	10
Old Battle ÷	6H10	9800	3/29	84	27.8	27.0	33.8	33.3	24
Park View ^C	6J2	9200	3/25	35	9.8	9.3	7.7	9.7	24
Roach	6J8	9800	3/27	64	18.9	17.1	17.8	20.0	20
Rock Creek ÷	6H14	9800	4/5	71	23.5E	34.5 E		11 (0.4
Ryan Park Webber Spring	6H6 6H9	8400 9000	3/30 3/29	27 40	7.2 12.8	11.7 16.5	13.0 16.3	11.6 20.0	24 24
Willow Creek PassC	6J5	9500	3/25	48	14.3	12.4	10.8	13.6	22



			3		SNOW CO	VER ME	ASUREM	ENTS	
Drainage Basin	Number		196		N/ 1		AST RE		
and Snow Course	or State	Elev.	Date	Snow Depth	Water Content			nt(In.) 1943-57	Prior Vrs of
onow oodr se	- Clate	LIGV.	Survey		(In.)	1959		Average	
LOWER YELLOWSTONE -	- SHELL (CREEK							
Bald Mountain	7E21	9600	3/28	64	20.7	26.4	16.3	19.8**	4
Beaver Tongue ÷	7E20	9200	3/28	59	18.3	25.7	14.6	18.8**	4
Bone Spring ÷ Granite Creek Camp	7E18 7E22	9200 7800	3/30 4/1	55 Trace	16.0	21.0 5.8	13.2 4.6	16.9** 4.3**	4 4
Granite Pass ÷	7E17	8950	3/30	52	15.3	21.1	13.1	16.6**	4
Ranger Creek	7E4	8800	4/1	25	6.9	11.9	7.8	9.0	22
Shell Creek	7 E23	9600	4/1	54	13.7	16.6	12.5	15.1**	4
LOWER YELLOWSTONE -	- PORCUPI	NE CREEK							
Five Springs Falls	7E31	7500	4/1	20	5.4	6.5	5.6	5.8**	4
Medicine Wheel	7E30	9000	3/28	50	16.1	23.8	13.1	16.0**	4
LOWER YELLOWSTONE -	TONGUE	RIVER							
Beaver Tongue ÷	7E20	9200	3/28	59	18.3	25.7	14.6	18.8**	4
Big Goose #2	7E32	7700	4/2	26	6.3	10.4	5.2	7.9**	4
Bone Spring ÷ Burgess R.S. #2	7E18 7E33	9200 7900	3/30 3/29	55 30	16.0 7.9	21.0	13.2	16.9** 7.8**	4 4
Dome Lake #2	7E33	8800	3/29 4/2	30 39	9.7	11.6	5.3 7.8	10.0**e	
Gloom Creek	7E14	9300	3/31	51	14.8	17.0	10.3	12.9**	4
Granite Pass ÷	7E17	8950	3/30	52	15.3	21.1	13.1	16.6**	4
Sibley Lake Sucker Creek	7E11 7E12	8000 9000	3/31 3/31	37 45	9.0 12.4	14.5 16.2	7.8 9.9	10.0** 12.0**	4 4
Steamboat Point	7E10	7500	3/31	26	7.6	12.3	5.1	7.8**	4
Wood Rock G.S.	7E13	8500	3/29	39	10.6	14.0	7.8	10.9**	4
LOWER YELLOWSTONE -	POWDER	RIVER							
Bear Trap ÷	7F1	8000	3/25	23	6.2				
Canyon Creek ÷	7F2	7400	3/26	37	10.0				
Clouds Peak		10000	4/5	57	17.0E	4.0			
Muddy Creek G.S. ÷	7E28 7E8	7800 9700	4/1 4/1	15 32	2.4 8.3	4.8 10.4	4.3 8.8	4.5** 9.3**e	4 9
Onion Gulch ÷	7E27	8100	3/25	31	8.3	10.3	7.8	9.2**	4
Soldier Park	8E5	8700	3/31	20	5.6	8.6	6.4	5.8**	8
Sour Dough	7E6	8500	3/31	24	4.7	8.1	6.6	7.3	23
NORTH PLATTE - SWEE	TWATER								
Grannier Meadows ÷	8G4	9000	3/23	38	11.1	10.0	8.0	16.1	23
Larsen Creek	9G6	9000	3/29	21	6.5	9.2	8.4	11.8**	10
South Pass ÷	8G3	9000	3/23	37	10.2	11.6	8.6	16.4	20



			}		SNOW C	OVER AND	ASIDE	MENTS	
Drainage Basin	Number		1960)	SINOW C		RECO		
and	or		Date	Snow	Water		Conte	nt(In.)	
Snow Course	State	Elev.		Depth	Content	4050		1943-57	
			Survey	(In.)	(ln.) '	1959	1908	Average	Record
NORTH LARAMIE MOUNTA	INS								
Boxelder	5G1	9000	3/28	25	6.6	9.6	5.9	7.3**	10
Casper Mountain ÷ La Bonte ÷	6G1 5G2	8700 8450	3/29 3/31	46 9	12.5 2.5	13.4 8.0	12.4 5.7	12.6** 7.5**	5 10
UPPER COLORADO - GRE									
Dia Dani.	10G11	0700	2 / 20	46	15.8	18.2	20.5	21.8**	9
Big Park ÷ Blind Bull ÷	10G11	8700 8750	3/29 4/4	60	20.0E	30.0E	20.5	33.2**	9
Dinwoodie Glaciers ÷	9F17	10500	4/4	28	8.0E	11.5E		.	
Dutch Joe R.S.	9G5	8700	3/30	15	3.7	7.6	7.5 9.9	8.7* 12.4	24 24
East Rim Divide ÷ Gros Ventre ÷	10F17 10F19	7950 8750	3/23 3/24	26 31	7.6 8.9	10.3 13.7	8.8	13.0**	12
Hewinta R.S.u	10J4	9500	3/25	28	8.8	13.7	11.9	10.5	26
Hole-in-the-Rock ^u	10J1	9150	3/23	21	4.8	7.7	7.2	6.5	29
Hole-in-Rock R.S.	10J3	8300	3/23	5	1.2	2.0	3.6	1.6**	6 9
Kelly R.S. ÷ Kendall R.S.	10G12 10F15	8200 7900	3/29 3/24	42 24	15.0 7.6	16.0 9.9	18.5	19.2** 11.9	23
Loomis Park ÷	10F16	8500	3/25	37	12.8	17.2	15.4	19.4	23
Middle Beaver ^u	10J2	8550	3/23	16	4.2	7.4	5.9	5.6**	6
Mulligan Park	9G1	8900	3/23	22	6.7	9.1	10.6	11.5	24
Old Battle ÷ Piney LaBarge	6H10 10G10	9800 8820	3/29 3/27	84 35	27.8 13.6	27.0 18.7	33.8 20.5	33.3 20.5	24 23
Poison Meadows ÷	10G10	8500	3/27	69	23.3	27.2	31.0	31.0**	12
Snyder Basin R.S.#2	10G13	8040	3/27	31	11.5	15.8	16.5	17.0	5
Soda Lake ÷	10G14	8300	3/26	37	12.9	18.1	19.6	20.3**	4
Triple Peaks Elk River ^C	10G15 6J4	8500 8700	3/26 3/28	51 34	19.2 14.5	27.8 18.6	28.4 19.5	32.1** 18.2	4 24
			3/ 20	34	14.7	10.0	الروازا	10.2	24
SNAKE RIVER - ABOVE	<u>JACKSON</u>	LAKE							
Arizona	10F1	6850	3/30	44	13.9	17.8	17.2	19,6e	11
Astor Creek	10E8	7700	3/30	56 42	16.6 13.5	27.5 17.7	24.8 14.2	36.2e 20.2e	11 11
Base Camp Coulter Creek	10F2 10E10	6900 7600	3/31 3/28	44	15.5	20.8	20.8	25.4e	11
Glade Creek	10E13	7200	3/30	49	15.0	20.3	21.8	24.8e	11
Grassy Lake	10E15	7265	3/30	74	25.2	33.6	32.3	36.7	20
Huckleberry Divide	10E14	7300	3/30	46	13.7	18.5	18.8	21.3e	11
Lewis Lake Divide	10E9 10F4	7900 6500	3/30 3/30	78 30	27.1 10.3	42.7 11.0	38.0 11.5	47.5e 12.5e	11 11
Moran Bay	10F4	6800	No Rep		10.5	21.3	23.9	23.5e	11
Snake River Station	10E12	6780	3/30	43	14.2	19.8	20.1	22.4e	11
Thumb Divide ÷	10E7	7900	3/30	43	11.8	19.8	17.6	25.8e	9



					SNOW C	OVER ME	EASURE	MENTS	
Drainage Basin	Number		,	960		PAS	T RECOF	RD	
and Snow Course	or State	Elev.	Date	Snow Depth	Water Content			nt(In.) 1943-57	
Thow dod'se		2160.	Survey			1959		Average	
JACKSON LAKE TO PAL	ISADES								
Afton R.S. Blackrock Blind Bull ÷ Bryan Flat CCC Camp ÷ Cottonwood Deadman Ranch East Rim Divide ÷ Four Mile Meadows Greys Boundary Gros Ventre ÷ Grover Park Loomis Park ÷ Poison Meadows ÷ Salt River Summit ÷ Snow King Mtn. #2 Snow King Mtn. #3 Teton Pass #2 ÷ Togwotee Pass ÷ Turpin Meadows Yellowjacket	10G4 10F7 10G2 10F14 10G7 10G5 10G1 10F17 10F6 10F19 10G3 10F16 10G6 10G8 10F12 10F20 10F13 10F9 10F5 10F10	6200 8600 8750 6250 7500 7500 6534 7950 7770 5800 8750 7500 8500 7900 7200 7600 8500 9600 6930 7675	4/1 3/29 4/4 4/1 3/28 4/4 4/4 3/23 3/29 3/29 3/29 3/25 3/27 3/28 3/31 3/31 3/30 3/29 No Rep	0 57 60 18 26 38 32 26 34 27 31 35 37 69 35 33 40 82 74 24	0.0 17.4 20.0E 5.4 9.6 13.5E 11.5E 7.6 9.6 10.5 8.9 11.3 12.8 23.3 12.3 8.7 12.5 28.1 24.6 6.8	0.0 24.3 30.0E 9.4 10.7 14.0E 12.0E 10.3 13.6 11.9 13.7 10.2 27.2 14.3 9.6 14.1 36.9 32.2 11.1 7.0	10.3 12.4	2.4* 24.3 33.2** 11.2 12.3 17.0* 11.3* 12.4 14.3 11.9 13.0** 11.9 19.4 31.0** 11.0** 39.1** 39.1** 39.1**	23 24 9 24 23 20 18 24 24 24 22 12 6 15 24 23
BEAR RIVER									
Big Park ÷ CCC Camp ÷ Goodman Ranch ^u Hayden Fork ^u Kelly R.S. ÷ Monte Cristo R.S. ^u Poison Meadows ÷ Salt River Summit ÷ Still Water Camp ^u Trial Lake ^u	10G11 10G7 10J6 10J7 10G12 11H12 10G6 10G8 10J17 10J8	8700 7500 7900 9300 8200 8960 8500 7900 8550 9800	3/29 3/28 3/29 No Sui 3/29 3/29 3/27 3/28 3/29 3/29	46 26 10 10 42 52 69 35 25	15.8 9.6 3.4 15.0 19.9 23.3 12.3 8.8 21.7	18.2 10.7 8.2 15.9 16.0 20.0 27.2 14.3 14.1 23.7	20.5 12.4 6.7 15.7 18.5 31.5 31.0 16.1 11.1 27.8	21.8** 12.3 6.1 8.3 19.2** 27.9 31.0** 16.6** 12.4 29.1	9 23 22 8 9 27 12 12 5 29
MISSOURI - CHEYENNE	RIVER								
Terry Peak ^{sd} Upper Spearfish ^{sd}	3E2 3E1	7000 6500	3/28 4/1	39 23	10.9	8.9	5.5	7.0	16

Averages are for the 15 year base period of 1943-1957.

^{*} Average is for 15 years of data within and adjacent to the 1943-57 period.

^{**} Average of all past data.

c Colorado snow courses.
Montana snow courses.

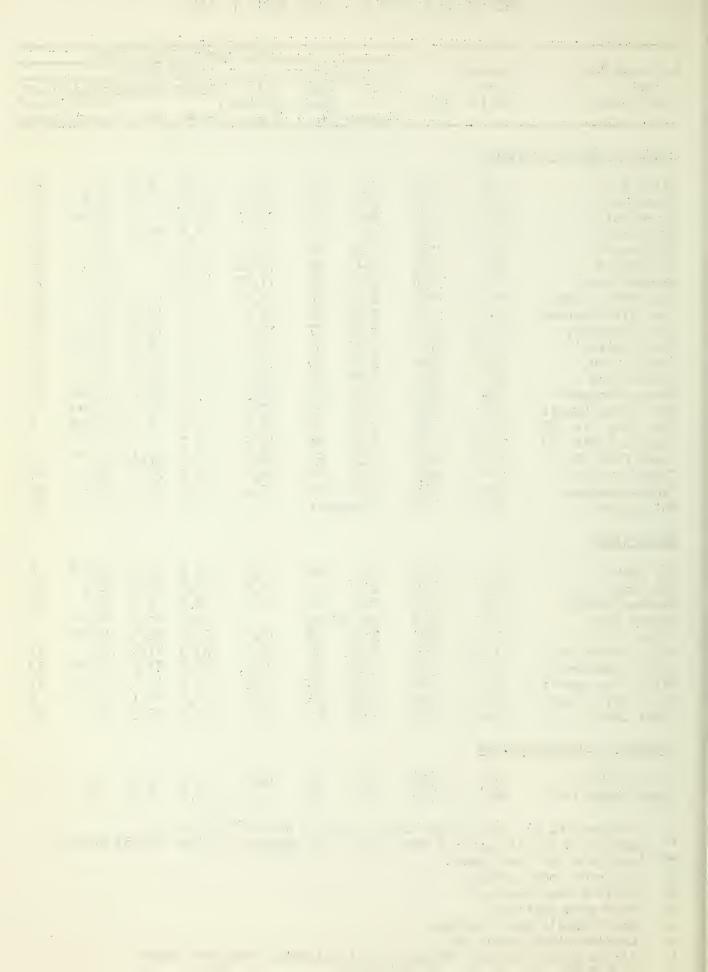
u Utah snow courses.

sd South Dakota snow courses.

⁻ Located close to divide.

E Aerial stadia marker. Water content estimated from snow depth.

¹⁹⁴³⁻¹⁹⁵⁷ average partially estimated.



WYOMING STREAM-FLOW FORECASTS APRIL, 1960

		April-S	eptember 30	
Basin and Tributary	Seasonal	Stream-Flow	in Thousands of	Acre Feet
	Forecast Runoff	Per Cent 15-Yr. Average	Measured Runoff 1958 1957	15-Year Average 1943-57
MADISON RIVER West Yellowstone (at)	153	71%	220	216
YELLOWSTONE RIVER Corwin (at)	1312	66%	1964	1980
NORTH POPO AGIE Milford (near)	52	60%	123	86*
LITTLE POPO AGIE Lander (near)	30	62%	62	49*
WIND RIVER Dubois (at)	77	70%	146	110*
SHOSHONE RIVER Buffalo Bill Dam (below)(1)	600	70%	1115	851
CLARKS FORK Chance (at)	430	70%	715	617
LARAMIE RIVER Jelm (at)(2)	80	70%	168	113
ENCAMPMENT RIVER Encampment (near)	96	62%	214	156
NORTH PLATTE RIVER Northgate (at) Saratoga (at)	162 416	64% 63%	537 1168	255 661
GREEN RIVER Warren Bridge (at)	225	65%	394	348
MEDICINE BOW RIVER Hanna (near)	63	64%	146	99
SWEETWATER RIVER	52	62%	94	84

is a sure of the s 1.

		April-9	September	- 30	
Basin and Tributary	Seasonal	Stream-Flow			Agra Feet
, in the second of the second		Per Cent			15-Year
	Forecast	15-Yr.		ed Byzaff	Average
	Runoff	Average	1958	1957	1943-57
NORTH PINEY CREEK Mason (near)	30	70%		47	41
NEW FORK CREEK Boulder (near)	170	65%		268	260
GREEN RIVER Fontenelle (at) Linwood (at) Utah	696 840	70% 61%		1177 1 5 96	995 1381
SNAKE RIVER Moran (at)(3)	564	61%		936	928
PACIFIC CREEK Moran (near)	104	58%		188	180*
BUFFALO FORK Moran (near)	246	73%		402	337*
SNAKE RIVER Flow into Palisades (3)	2120	67%		2901	3161
SALT RIVER State Line (at)	270	75%		411	360
BEAR RIVER Utah-Wyo.State Line (near) Randolph (near) Harer (at) Idaho	95 70 180	77% 61% 60%		158 142 357	123 115** 299
SMITHS FORK Border (near)	97	82%		148	119

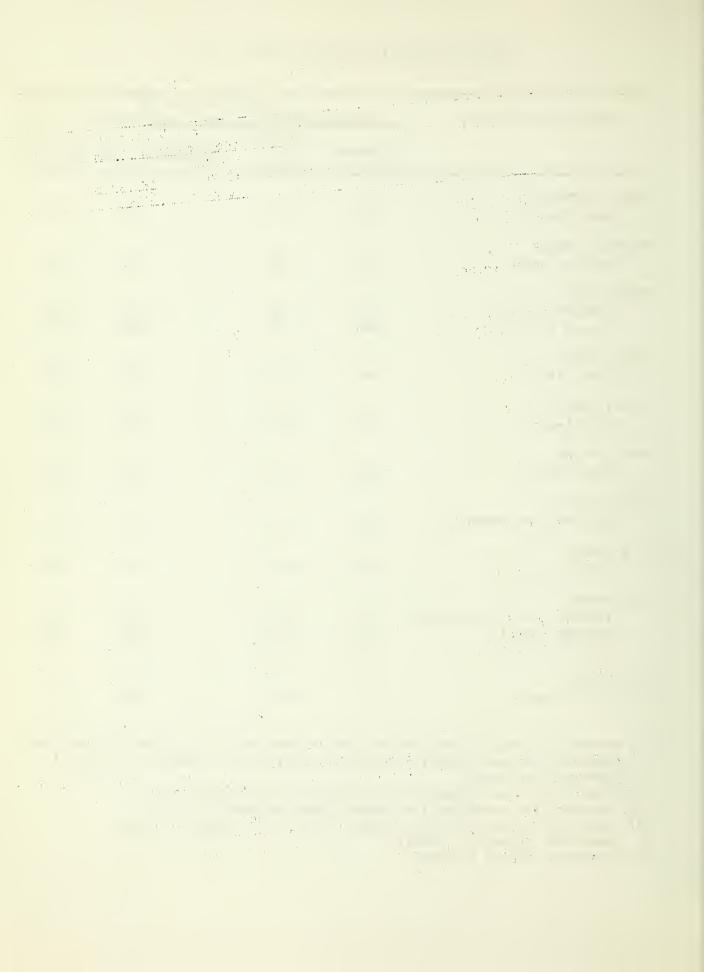
All stream data taken from observed flow records with the following exceptions:

⁽¹⁾ Observed flow corrected for storage in Buffalo Bill Reservoir and Heart Mountain diversion.

⁽²⁾ Observed flow corrected for Colorado diversion above station.
(3) Observed flow corrected for Jackson Lake storage.
(4) Observed flow corrected for Jackson Lake and Palisades storage.

* Less than 15 years of record.

** Estimated 1943-57 average.

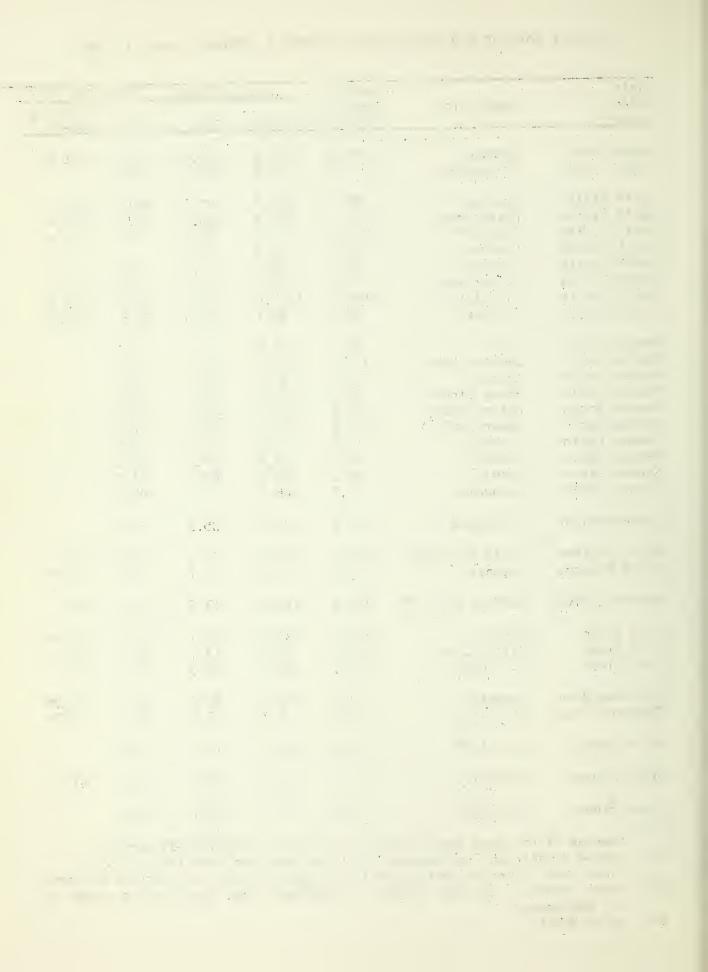


Basin		Usable	USABL	E STORAGE	<u> </u>	ACRE FEET
and/or	Reservoir	Capacity	1960	1959	1958	15-Yr.Avg
Stream		1000s AF	1900	1909	1756	1943-57
Snake River	Jackson	847.0	478.4	485.8	490.4	465.5
Snake River	Pal isades	1202.0	876.0	724.0	758.6	
N		004.0	050 4	~0~ A	5 C A A	400.4
North Platte North Platte	Seminoe Pathfinder	981.8	252.4	597.2	561.4 797.0	428.4 6 3 1.4
North Platte	Alcova **	1011.0 190.5	277.4 28.0	186.4 27.1	27.9	158.4
North Platte	Glendo	786.3	380.4	407.0	21.0	150.4
North Platte	Guernsey	39.8	32.5	8.3	30.0	28.5
North Platte	Sutherland	70.0	70.0	46.6	44.0	51.1
North Platte	Kingsley	1900.0	1488.4	1510.0	1076.0	1182.4
North Platte	Minatare	60.8	35.1	42.0	31.8	23.8
Kansas Basin	Bonny	39.9	39.9	39.9	39.9	
Kansas Basin	Swanson Lake	116.1	116.1	116.1	116.1	
Kansas Basin	Enders	36.0	36.0	36.0	36.0	
Kansas Basin	Harry Strunk	33.9	33.9	33.9	33.6	
Kansas Basin	Harlan County	252.9	252.9	252.9	252.9	
Kansas Basin	Cedar Bluff	176.8	176.8	176.8	176.8	
Kansas Basin Kansas Basin	Lovewell Webster	37.3 64.9	37.3 64.9	36.0 64.9	24.0 55.0	
Kansas Basin	Kirwin	88.8	88.8	84.1	81.7	
Kansas Basin	Kanopolis	48.1	48.1	48.1	48.1	
Lamania Di	1814 - 1.3 · · · ·	100 4	24.0	25.2	77 6	
Laramie River	Wheatland	108.4	34.2	35.3	77.5	
Belle Fourche	Belle Fourche ^{sd}	185.2	60.9	58.2	78.2	116.9
Belle Fourche	Keyhole	190.3	14.8	4.7	2.8	11.7*
Shoshone River	Buffalo Bill ***	380.3	128.0	13.6	130.0	220.6
	54.1010 5111					
Wind River	Boysen	560.0	139.6	100.1	212.6	426.7*
Wind River	Pilot Butte	31.6	26.0	12.1	20.7	18.2
Wind River	Bull Lake	152.0	36.6	45.5	60.6	60.1
Cheyenne River	Angostura	92.0	28.8	50.6	58.1	47.2*
Cheyenne River	Deerfield	15.1	1.7	9.3	11.6	13.3*
Rapid Creek	Pactolasd	55.0	25 4	10.4	11 (
napid oreek	ractora -	55.0	25.4	19.4	14.6	
Grand River	Shadehill	84.0	82.4	86.0	80.9	81.1*
Green River	Big Sandy	38.3	4.5	5.1	N.R.	
	Dig Condy	50.5	1.0	J. 1	140110	

Average is for less than 15 years of record in the 1943-57 period. Alcova downstream from Seminoe and Pathfinder and containing 160,170

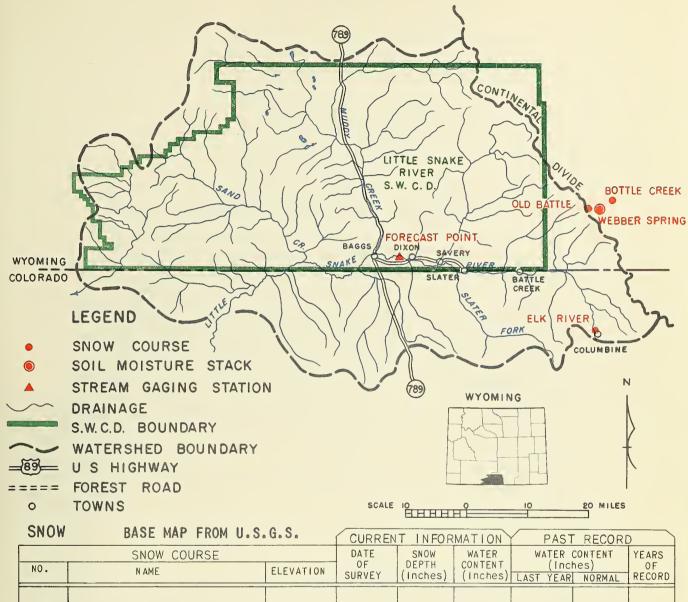
acre feet of active storage that is unavailable to the Kendrick Project. Usable capacity 439,800, however, 59,500 acre feet are inactive except in an emergency.

South Dakota. sd



SNOW SURVEYS & WATER SUPPLY FORECASTS.

LITTLE SNAKE RIVER SOIL AND WATER CONSERVATION DISTRICT SWEETWATER & CARBON COUNTIES, WYOMING



SNOW	BASE MAP FROM U.S	.G.S.	CURREN	TINFOR	MATION	PAST	RECOR	
	SNOW COURSE		DATE	SNOW DEPTH	WATER CONTENT		CONTENT hes)	YEARS OF
NO.	N AME	ELEVATION	SURVEY	(Inches)		LAST YEAR	NORMAL	RECORD
6H8 6H10 6H9 6J4	Bottle Creek Old Battle Webber Spring Elk River ^C	8200 9800 9000 8700	3/29 3/29 3/29 3/28	31 84 40 34	9.9 27.8 12.8 14.5	14.2 27.0 16.5 18.6	15.4 33.3 20.0 18.2	24 24 24 24 24

SOIL MOISTURE

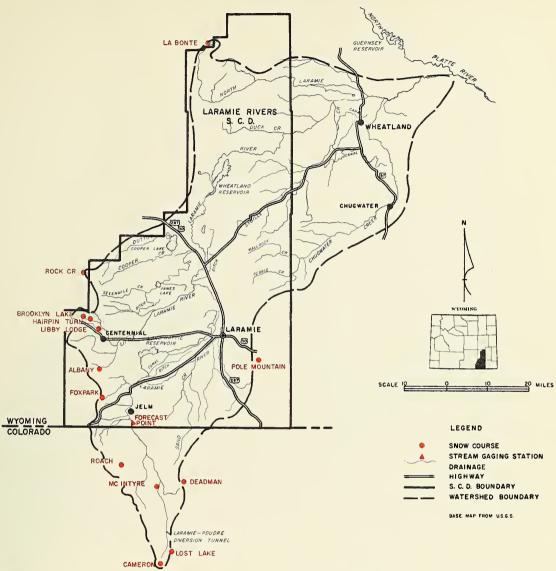
SOIL MOISTURE STACK		DATE	PERCENTAGE OF	YEARS OF			
NO.	NAME	ELEVATION	SURVEY	CURRENT	LAST YEAR	NORMAL	RECORD

SNOW SURVEYS & WATER SUPPLY FORECASTS

LITTLE SNAKE RIVER SOIL AND WATER CONSERVATION DISTRICT
SWEETWATER & CARBON COUNTIES, WYOMING

SNOW SURVEY & WATER SUPPLY FORECAST

LARAMIE RIVERS SOIL CONSERVATION DISTRICT
ALBANY COUNTY, WYOMING



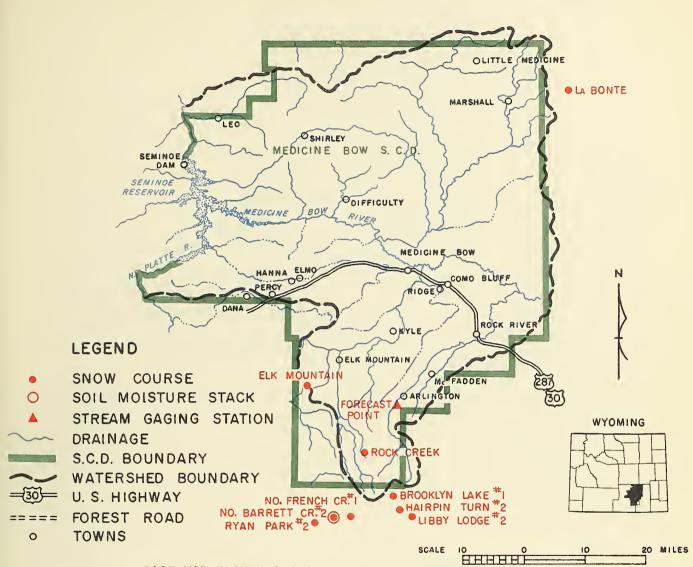
SNOW		CURRENT INFORMATION			PAST RECORD		PAST	
SNOW COURSE			DATE	SNOW	WATER	WATER C	ONTENT	YEARS OF
NO.	NAME	ELEVATION	SURVEY	(Inches)		LAST YEAR		RECORD
5G2	LaBonte	8450	3/31	9	2.5	8.0	7.5	10
6H14	Rock Creek	9800	4/5	71	23.5E	34.5E		
BH1	Brooklyn Lake	10200	4/1	60	20.3	24.3	25.0	24
6H2	Hairpin Turn	9500	4/1	27	7.7	13.9	12.9	24 24 24 11
6H3	Libby Lodge	8700	4/1	22	7.0	12.3	11.5	24
д Н11	Albany	9400	4/4	34	11.5	16.1	14.8	71
5H1	Pole Mountain	8700	3/28	6	1.3	6.0		
6H12	Fox Park	9200	3/30	19	6.1	6.9	7.4	23 24 20
6U8 5U15	Roach ^C	9800	3/27	64 .	8.9	17.1	20.0	20
5015	McIntyre ^C	9100	3/26	29	8.1	12.0	12.5	10
546	Deadman Hill ^C	10200	4/5	5 8 -	8.5E	16.2	16.8	23
5/123	Lost Lake ^C	9300	B/26	36 -	1.6	16.9	13.2	9
5 J 1	Cameron ^C	10300	3/2 8	82 2				24

SNOW SURVEY & WATER SUPPLY FORECAST
FOR
LARAMIE RIVERS SOIL CONSERVATION DISTRICT
ALBANY COUNTY, WYOMING

(**)

SNOW SURVEYS & WATER SUPPLY FORECASTS

MEDICINE BOW SOIL CONSERVATION DISTRICT CARBON COUNTY, WYOMING



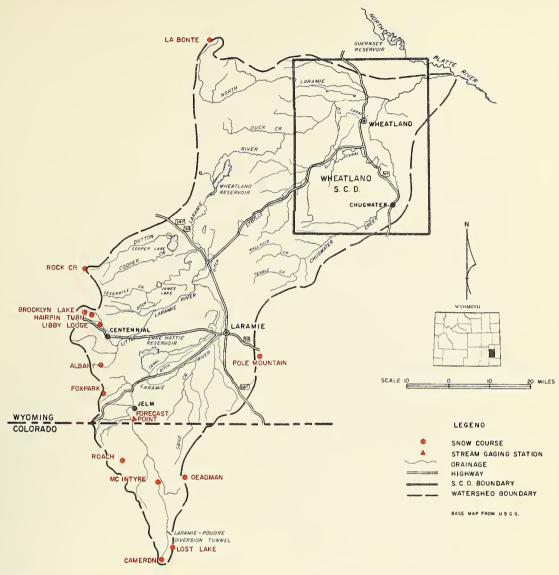
BASE MAP FROM U.S.G.S.

	DAGE HAT I KOH (, o. u. o.						
SNOV	V		CURRE	T INFO	RMATION	PAST	RECORD	
SNOW COURSE			DATE	SNOW	WATER	WATER C		YEARS
NO.	NAME	ELEVATION	OF SURVEY	DEPTH (Inches)	(Inches)	LAST YEAR		OF RECORD
5G2 6H1.4 6H1 6H4 6H5 6H6 6H2 6H3	LaBonte Elk Mountain Rock Creek Brooklyn Lake North French North Barrett Ryan Park Hairpin Turn Libby Lodge	8450 9800 10200 10200 9400 8400 9500 8700	3/31 Aband 4/5 4/1 3/30 3/30 3/30 4/1 4/1	9 71 60 81 60 27 27 22	2.5 23.5E 20.3 28.2 17.5 7.2 7.7 7.0	8.0 34.5E 24.3 35.5 20.4 11.7 13.9 12.3	7.5 25.0 30.5 20.0 11.6 12.9 11.5	10 24 22 24 24 24 24 24

SNOW SURVEYS & WATER SUPPLY FORECASTS
FOR
MEDICINE BOW SOIL CONSERVATION DISTRICT
CARBON COUNTY, WYOMING

SNOW SURVEY & WATER SUPPLY FORECAST

WHEATLAND SOIL CONSERVATION DISTRICT, PLATTE CO. WYOMING AND WHEATLAND IRRIGATION DISTRICT



SNOW			CURRENT INFORMATION			PAST RECORD		PAST
SNOW COURSE		DATE	SNOW	WATER CONTENT	WATER C		YE ARS	
NO.	N AME	ELEVATION	SURVEY	(Inches)		LAST YEAR		RECORD
5G2	LaBonte	8450	3/31	9	2.5	8.0	7.5	10
6H13	Rock Creek	9800	4/5	71	23.5E			
6H1	Brooklyn Lake	10200	4/1	60	20.3	24.3	25.0	24
6H2	Hairpin Turn	9500	4/1	27	7.7	13.9	12.9	24
6H3	Libby Lodge	8700	4/1	22	7.0	12.3	11.5	24
6H11	Albany	9400	4/4	34	11.5	16.1	14.8	111
5H1	Pole Mountain	8700	3/28	6	1.3	6.0	5.8	23
6H12	Foxpark	9200	3/30	19	6.1	6.9	7.4	24
6J8	Roach	9800	3/27	64	18.9	17.1	20.0	20
5J15	McIntyre	9100	3/26	29	8.1	12.0	12.5	10
5J6	Deadman Hill ^C	10200	4/5	5 8	18.5E	16.2	16.8	23
5J23	Lost Lake ^C	9300	3/26	36	11.6	16.9	13.2	9
5J1	Cameron ^C	10300	3/28	82	29.2	30.9	24.9	24

SNOW SURVEY & WATER SUPPLY FORECAST

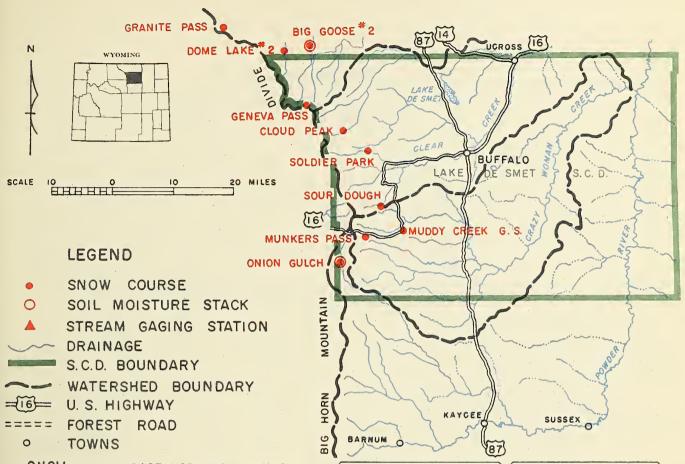
FOR

WHEATLAND SOIL CONSERVATION DISTRICT, PLATTE CO. WYOMING

AND

WHEATLAND IRRIGATION DISTRICT

SNOW SURVEYS & WATER SUPPLY FORECASTS FOR LAKE DE SMET SOIL CONSERVATION DISTRICT JOHNSON COUNTY, WYOMING



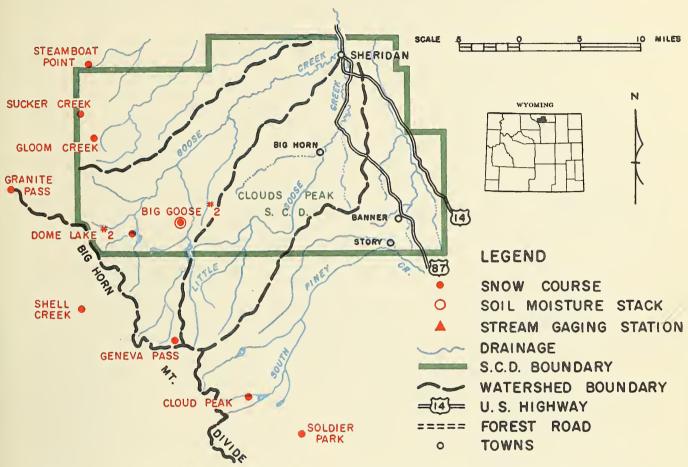
SNOW	BASE MAP FROM U.	S.G.S.	CURRE	NT INFOR	RMATION	PA	ST RECO	RD
	SNOW COURSE	•	DATE OF	SNOW DEPTH	WATER		CONTENT	YEARS OF
NO.	NAME	ELEVATION	SURVEY	(Inches)		LAST YEAR		RECORD
7E17 7E34 7E32	Granite Pass Dome Lake Big Goose #2 Geneva Pass	8950 8800 7700	3/30 4/2 4/2	52 39 26	15.3 9.7 6.3	21.1 11.6 10.4	16.6 10.0 7.9	4 4 4
7E36 8E5 7E6 7E28 7E8 7E27	Clouds Peak Soldier Park Sour Dough Muddy Creek G.S. Munkres Pass Onion Gulch	10000 8700 8500 7800 9700 8100	4/5 3/31 3/31 4/1 4/1 3/25	57 20 24 15 32 31	17.0E 5.6 4.7 2.4 8.3 8.3	8.6 8.1 4.8 10.4 10.3	5.8 7.3 4.5 9.3 9.2	8 23 4 9 4

SOIL MOISTURE

	SOIL MOISTURE STAC	K		PERCENTAGE OF	SOIL MO	ISTURE	
NO.	N AME	ELEVATION	OF SURVEY	CURRENT	LAST YEAR	NORMAL	OF RECORD

SNOW SURVEYS & WATER SUPPLY FORECASTS
FOR
LAKE DE SMET SOIL CONSERVATION DISTRICT
JOHNSON COUNTY, WYOMING

SNOW SURVEYS & WATER SUPPLY FORECASTS FOR CLOUDS PEAK SOIL CONSERVATION DISTRICT SHERIDAN COUNTY, WYOMING



SNOW	BASE MAP FROM U.	S.G.S.	CURREN	IT INFOR	MATION	PA	ST RECC)RD
	SNOW COURSE			SNOW DEPTH	WATER	WATER (YEARS
NO.	NAME	ELEVATION	OF SURVEY			LAST YEAR		OF RECORD
7E10	Steamboat Point	7500	3/31	26	7.6	12.3	7.8	4
7E12	Sucker Creek	9000	3/31	45	12.4	16.2	12.0	4
7E14	Gloom Creek	9300	3/31	51	14.8	17.0	12.9	4
7E17	Granite Pass	8950	3/30	52	15.3	21.1	16.6	4
7E32	Big Goose #2	7700	4/2	26	6.3	10.4	7.9	4
7E34	Dome Lake	8800	4/2	39	9.7	11.6	10.0	4
7E23	Shell Creek	9600	4/1	54	13.7	16.6	15.1	4
	Geneva Pass							
7E36	Clouds Peak	10000	4/5	57	17.0E			
8E5	Soldier Park	8700	3/31	20	5.6	8.6	5.8	8

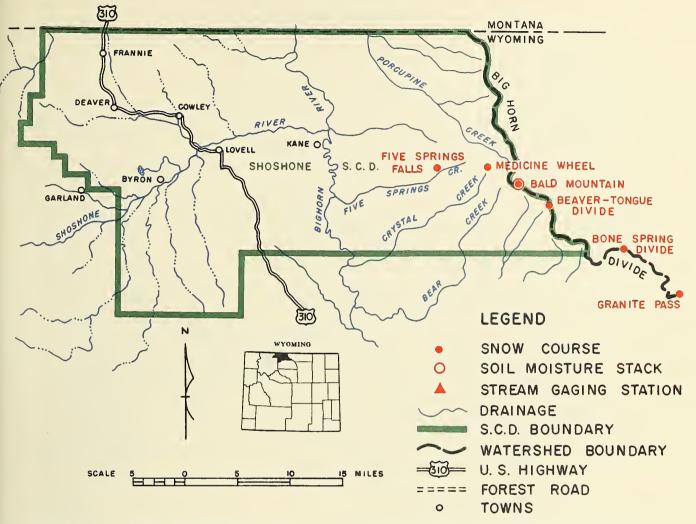
SOLL MOISTURE

	SOIL MOISTURE STACK			PERCENTAGE OF SOIL MOISTURE			
NO.	NAME	ELEVATION	OF SURVEY	CURRENT	LAST YEAR	NORMAL	OF RECORD

SNOW SURVEYS & WATER SUPPLY FORECASTS
FOR
CLOUDS PEAK SOIL CONSERVATION DISTRICT
SHERIDAN COUNTY, WYOMING

SNOW SURVEYS & WATER SUPPLY FORECASTS

SHOSHONE SOIL CONSERVATION DISTRICT BIG HORN & PARK COUNTIES, WYOMING



SN	OW BASE MAP FROM U.	CURREN	T INFOR	MATION	PAST RECORD			
	SNOW COURSE			SNOW	WATER		WATER CONTENT	
NO.	NAME	ELEVATION	OF SURVEY	DEPTH (Inches)	(Inches)	LAST YEAR		OF RECORD
7E3 7E3 7E2 7E2 7E1 7E1	Medicine Wheel Bald Mountain Beaver-Tongue Bone Spring	7500 9000 9600 9200 9200 8950	4/1 3/28 3/28 3/28 3/30 3/30	20 50 64 59 55 52	5.4 16.1 20.7 18.3 16.0 15.3	6.5 23.8 26.4 25.7 21.0 21.1	5.8 16.0 19.8 18.8 16.9 16.6	4 4 4 4 4

SOIL MOISTURE

SOIL MOISTURE STACK			DATE OF	PERCENTAGE OF SOIL MOISTURE			YEARS OF
NO.	NAME	ELEVATION	SURVEY	CURRENT	LAST YEAR	NORMAL	RECORD

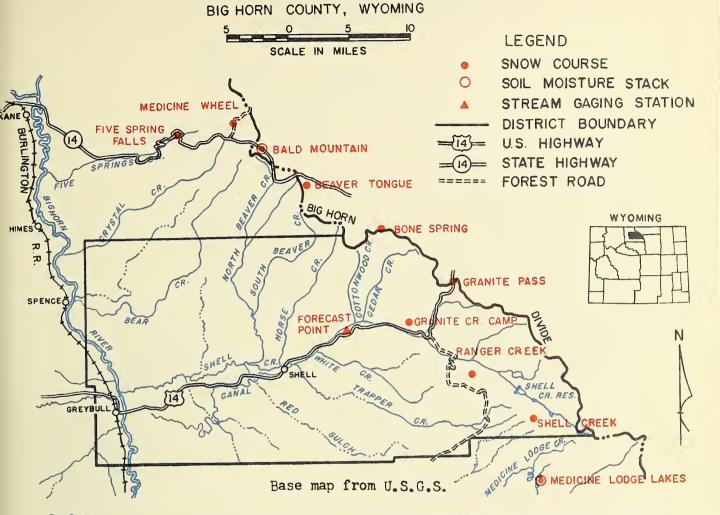
SNOW SURVEYS & WATER SUPPLY FORECASTS FOR

SHOSHONE SOIL CONSERVATION DISTRICT
BIG HORN & PARK COUNTIES, WYOMING

SNOW SURVEY & WATER SUPPLY FORECAST

FOR

SHELL VALLEY SOIL CONSERVATION DISTRICT



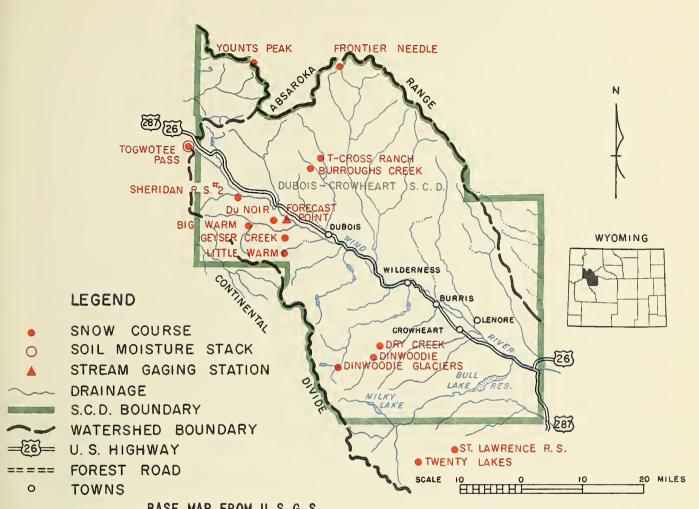
SNOW		CURRENT INFORMATION			PAST RECORD			
	SNOW COURSE	DATE	SNOW	WATER	WATER CONTENT (Inches)		YEARS	
NO.	NAME	ELEVATION	OF SURVEY	DEPTH (Inches)	(Inches)	LAST YEAR		RECORD
7E30	Medicine Wheel	9000	3/28	50	16.1	23.8	16.0	4
7E31	Five Springs Falls	7500	4/1	20	5.4	6.5	5.8	4
7E21	Bald Mountain	9600	3/28	64	20.7	26.4	19.8	4
7520	Beaver-Tongue	9200	3/28	59	18.3	25.7	18.8	4
7E18	Bone Spring	9200	3/30	55	16.0	21.0	16.9	4
7E17	Granite Pass	8950	3/30	52	15.3	21.1	16.6	4
7E22	Granite Creek Camp	7800	4/1	Trace		5.8	4.3	4
7E4	Ranger Creek	8800	4/1	25	6.9	11.9	9.0	22
7E23	Shell Creek	9600	4/1	54	13.7	16.6	15.1	4
7E24	Medicine Lodge Lakes	9500	3/24	3 8	9.7	13.2	11.7	4
						1		

SOIL	MOISTURE					-71105			
	SOIL MOISTURE STACK		DATE	PERCENTAGE 0	PERCENTAGE OF SOIL MOISTURE				
NO.	NAME	ELEVATION	OF SURVEY	CURRENT	LAST YEAR	NORMAL	OF RECORD		

SNOW SURVEY 8 WATER SUPPLY FORECAST

SHELL VALLEY SOIL CONSERVATION DISTRICT
BIG HORN COUNTY, WYOMING

SNOW SURVEYS & WATER SUPPLY FORECASTS FOR DUBOIS - CROWHEART SOIL CONSERVATION DISTRICT FREMONT COUNTY, WYOMING



	BASE MAP FROM	M U.S.G.S.						
SNO)W		CURREN	IT INFOR	MATION	PAST	RECOR	
	SNOW COURSE		DATE	SNOW	WATER	WATER C		YEARS
NO.	NAME	ELEVATION	OF SURVEY	DEPTH (Inches)	(Inches)	(Inch LAST YEAR		OF RECORD
9F18	Younts Peak Frontier Needle	8500	4/5	89	31.0E			
10F9	Togwotee Pass	9600	3/29	74	24.6	32.2	32.1	24
9F3	T-Cross Ranch	8000	3/28	11	2.9	6.2	8.1	19
9F4	Burroughs Creek	8800	3/28	28	7.8	14.4	15.6	11
9F14	Sheridan R.S. #2	7500	3/28	18	5.0	6.4	7.3	5
9F6	DuNoir	8750	3/26	20	4.9	7.4	10.1	19
9F12	Big Warm	8800	3/26	25	7.1	8.9	9.5	5
9F7	Geyser Creek	8500	3/27	17	3.9	6.6	8.8	11
9F8	Little Warm	9500	3/27	47	13.7	16.7	18.8	11
9F9	Dry Creek	9500	3/29	17	4.3	6.8	7.3	10
9F10	Dinwoodie	10000	3/29	36	9.2	11.6	13.7	10
9F17	Dinwoodie Glaciers	10500	4/4	28	8.0E	11.5E		
9F11	St. Lawrence R.S.	9000	3/26	13	3.3	6.2	7.6	16
9G7	Twenty Lakes	10500	4/4	27	7.5E	6.5E		

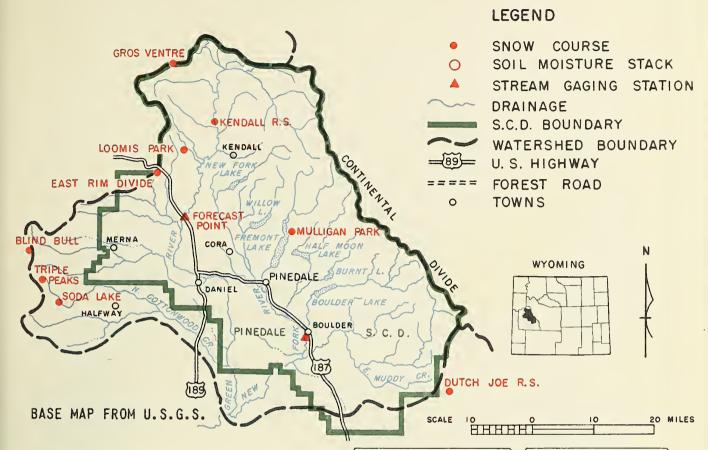
[&]quot;WATER IS THE WEST'S GREATEST RESOURCE "

SNOW SURVEYS & WATER SUPPLY FORECASTS
FOR

DUBOIS - CROWHEART SOIL CONSERVATION DISTRICT
FREMONT COUNTY, WYOMING

SNOW SURVEYS & WATER SUPPLY FORECASTS

PINEDALE SOIL CONSERVATION DISTRICT SUBLETTE COUNTY, WYOMING



SNO	W		CURREI	NT INFO	RMATION	PAST	RECORD	
	SNOW COURSE	7	DATE OF	SNOW DEPTH	WATER CONTENT		CONTENT hes)	YEARS OF
NO.	NAME	ELEVATION	SURVEY	(Inches)		LAST YEAR		RECORD
10F19 10F15 10F16 10F17 10G2 9G1 10G15 10G14 9G5	Kendall R.S. Loomis Park East Rim Divide Blind Bull Mulligan Park Triple Peaks	8750 7900 8500 7950 8750 8900 8500 8300 8700	3/24 3/25 3/25 3/23 4/4 3/23 3/26 3/26 3/30	31 24 37 26 60 22 51 37 15	8.9 7.6 12.8 7.6 20.0E 6.7 19.2 12.9 3.7	13.7 9.9 17.2 10.3 30.0e 9.1 27.8 18.1 7.6	13.0 11.9 19.4 12.4 33.2 11.5 32.1 20.3 8.7	12 23 23 24 9 24 4 4 24

SOIL MOISTURE

	SOIL MOISTURE STACK		DATE	PERCENTAGE OF	SOIL MO	DISTURE	
NO.	NAME	ELEVATION	OF SURVEY	CURRENT	LAST YEAR	NORMAL	OF RECORD
1							

SNOW SURVEYS & WATER SUPPLY FORECASTS
FOR
PINEDALE SOIL CONSERVATION DISTRICT
SUBLETTE COUNTY, WYOMING

Agencies Cooperating in Wyoming Snow Surveys

FEDERAL

- U.S. Department of Agriculture Forest Service Soil Conservation Service
- U.S. Department of Commerce Weather Bureau
- U.S. Department of Interior
 Bureau of Reclamation
 Geological Survey
 National Park Service

STATE
State Engineer of Wyoming

PRIVATE
Wheatland Irrigation District

